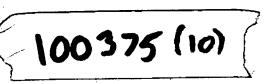
<b>Work Order</b> April-22-13 1:02:		75		*100	13,75*							Page 1
Revision ID:	46.3316		A	Accept	*N900	040	100	)*	Setup	Start Stop	171.	S1* S2*
Start Date: 4 Required Date: 4 Reference:		tart Qty: 10.00 Req'd Qty: 10.00	*10* *10*		Cust Item I Customer:	ID:						
Approvals:		MLJ				ate:			Run	Start Stop	" 17	R1* R2*
Sequence ID/ Work Center ID		peration escription		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Revisio	on Nbr						• •				
646.3300	N/C											
*100 *100* Bandsaw Jeaspa Bandsaw	В.	AND SAW <b>Memo</b> Cut Blank at	6.000"	0.00			·					134
110 <b>*110*</b> HAAS 1 HAAS CNC vertical r			er folio FB147	0.00	SFC/Da 2	2013-05	S-04	10		<b>&gt;</b>		DAS 25 25
		DWG REV:_ FOLIO REV			÷							

2- deburr and break all sharp edges except otherwise noted



NCR:	Yes / No				<b>WORK ORDER NON-C</b>	CONF	<b>DRN</b>	MANCE / UP	DATE					
	•									QA Closed:	Da	ate:		_
Work Ord	er:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS			
Part NCR	No				Rework Scrap Use-as-is Work Order Update	TI	N herm	Skid-tube Machining oforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier		Engineering Quality Other	
Root		1		Descri	l ption of work order update	Initi	al	Ac	tion	Sign &				-
Cause	Date	Step	Qty		or Non-conformance	Chief	- 1		ription	Date	   Verification	on	QC Inspector	
Doc/Data	T	- Stop							•				<u> </u>	_
Equip/Tooling									¥					
Operator											ļ			
Material							1							
Setup							ł							
Other														
Process	П													
Supplier			ļ											
Training														
Unapproved														_
		_			F	AULT C	ATEC	ORY			<u> </u>			_
Land	ing Gear				General	_			<b>,</b> —	٦				
,	Bending				Bend	Gr	ain			Ovalized		-	Pressure/Forced	
	Centre N	ot Conce	ntric to	o/s	BOM/Route	-	rdwai			Over/Under		-	Temperature/Cure	
	Cracks				Broken/Damaged	Ins	pecti	on Incomplete		Part Incorre		<b>⊢</b>	Weld	
	Crushed/	/Crimped		L	Burrs	Ins	tructi	ons Incomplete/	Unclear	Part Lost/M	_	<u></u>	Wrong Stock Pulled	
	Cuffs				Contamination	M	ainte	nance		Part Moved				
	Heat Tre	at			Countersink	     Mi	slabe	led		Positioned V	_	$\overline{}$		
	Inspection	on Strip in	Tube		Cut Too Short	ШМі	sread		L	Power Loss/	'Surge		Other	_
	Ripples in	n Bend		L	Drill Holes	1	fset				No. 300 - 1		<u>.                                    </u>	_
	Torque V	Waves in I	Extrusio	n 📙	Drawing	∐ Ou	t of C	alibration		<del></del>	····			_
	Turning S	Sequence	<b>:</b>		Finish	ЩOu	t of S	equence		·····				_
l 1	Mayo /Tu	wist in Tu	ho	į –	Folio	1 100	tside	Dimensions						

DQA:

Date:

H /FORMS/Quality Assurance\approved QA/NCRWO Rev G

140

Outsource process - Heat Treat

0.00

\*140\*

Outsource1

Memo

0.00

Outsource process - Heat Treat

HEAT TREAT AS PER DWG, SEE NOTE #3

ISSUE P/O: 1981

CZ 13/05/08 10

£ 2

NC	R: Y	'es	/ No				WORK ORDER NON-	JUI	NFORI	VIANCE / UP	DATE	QA Closed:	Date:	
\\/o	rk Orde	r.					DISPOSITION				AGAINST DE	PARTMENT,	/PROCESS	
	Part I	- No					Rework Scrap Use-as-is Work Order Update			Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
R	Root					Descri	ption of work order update	1	nitial	Act	tion	Sign &		
C	ause		Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/	'Data													
Equip	/Tooling							1						
Oper	rator	$\Box$		•				ŀ				·		
Mate	erial	Ш												<u> </u> 
Setu		Ш										·		:
Othe		Ш												
Proc		Н								ļ				
Supp		Н				:								
Trair		Н												
Unap	proved	i i	-	L	<u> </u>		E	<u> </u>	T CATE	GORY		L	<u> </u>	<u>t</u>
$\vdash$	Landi	na G	Gear			<del> </del>	General 1	TOL	.i CAIL	-				
	Lanui		Bending				Bend		Grain			Ovalized		Pressure/Forced
			Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	ire		Over/Under	tolerance	Temperature/Cure
		-	Cracks				Broken/Damaged		1	ion Incomplete		Part Incorred	<del></del>	Weld
		$oldsymbol{oldsymbol{ ext{-}}}$	Crushed/	Crimped			Burrs		1	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
		Н	Cuffs	•			Contamination		Mainte	•		Part Moved	<del></del>	
		П	Heat Trea	at			Countersink	Г	Mislabe	eled		Positioned V	Vrong	_
			Inspection	n Strip in	Tube		Cut Too Short		Misrea	d		Power Loss/	Surge	Other
			Ripples in	Bend			Drill Holes		Offset					<u>.</u>
			Torque W	aves in E	Extrusio	n 🗌	Drawing		Out of	Calibration				
			Turning S	equence	<b>:</b>		Finish		Out of	Sequence	•		<u> </u>	

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

H /FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID 100375  April-22-13 1:02:57 PM				*100	375*							Page 3
Item ID: Revision ID: Item Name: Start Date: Required Date:	646.331 Blade 4/22/13 4/22/13	Start Qty: 10.00	*10* *10*	Accept	*N9000  Cust Item II  Customer:		100	<b>)</b> *	Setup	Start Stop	*N:	S1* S2*
Reference: Approvals:		s Plan:	Date:	Tooling: SPC (Y/N):	Date Date Date Date Date Date Date Date			I	Run	Start Stop	*NI *NI	R1* R2*
Sequence ID/ Work Center II 150 *150* Packaging	D	Operation Description Receive & Inspect for Dar	mage & Mat'l Certs	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Rej Ota		Reject Number	Insp. Stamp
155 *155* QC Quality Control		QC5- Inspect part comple  Memo	teness to step on W/O	0.00 35	<b>3</b> ]			16	<u></u>			
*160  *160* SprayPaint Spray Painting		Spray Painting per QSI00  Memo PRIME AS P	5 4.2 PER DWG, SEE NOTE #4	0.00				10		Ø	<b>ø</b>	Ag 13-6-1

PRIMER BATCH: \25452

NC	CR: Y	es/	/ No				WORK ORDER NON-C	JON	NFORI	MANCE / UP	DATE		QA Closed:	D	ate:	
Wo	rk Orde	or.					DISPOSITION		· •		AGAINST	DE	PARTMENT,	/PROCESS	•	
	Part N	- No					Rework Scrap Use-as-is Work Order Update			Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		4	Water Je d. Eng. Coor re/Packaging Supplie		Engineering Quality Other
F	Root					Descri	ption of work order update	-	nitial	Act	tion		Sign &			
C	ause		Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desc	ription		Date	Verification	on	QC Inspector
Equipose Mater Setul Other Processing Suppose Train	p er ess olier					•										
Ť	•				<b>.</b>	L,	F	AUL	T CATE	GORY			•			
İ	Landi	ng G	Bear			•	General									
			Bending Centre No Cracks Crushed/C Cuffs Heat Trea Inspection Ripples in	Crimped t n Strip in		o/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		i .	ion Incomplete ions Incomplete/l enance eled	Unclear		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		П	Torque W		xtrusio	n	Drawing	-	•	Calibration						
			Turning S				Finish		Out of S	Sequence						
		П	Wave/Tw				Folio	П	Outside	Dimensions						

DQA:

Date:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID 100375  April-22-13 1:02:57 PM				*100			Page 4		
Revision ID:	646.3316 Blade			Accept	*N900	<u>04010</u>	O* Set	cup Start Stop	*NS1* *NS2*
Start Date: Required Date: Reference:	4/22/13 4/22/13	Start Qty: 10.00 Req'd Qty: 10.00	*10* *10*		Cust Item I Customer:	D:	_		
Approvals:		an:	Date:	Tooling: SPC (Y/N):		nte:	<b>Ru</b> - -	n Start Stop	*NR1* *NR2*
Sequence ID/ Work Center II 170 *170* QC	D	Operation Description QC14- Inspect Spray Pain Memo	t	Set Up/ Run Hours 0.00 AS 16 0.00 9-69 7	Tool ID	Tool # Plan Code			Reject Insp. Number Stamp
Quality Control  180  *180* Packaging Packaging		Identify as per dwg & Stoo Memo ***IDENTIF	ok Location: SHT3	0.00			10x2		M.D. 13-06-
190 <b>*100*</b> QC Quality Control		QC21- Final Inspection -	Work Order Release	0.00				13/6	lo D

H13-04-7

NC	CR: '	es/	/ No		•		WORK ORDER NON-C	.Or	NFORI	MANCE / UPI	DATE	QA Closed:	Date	· 2:
14/0	rk Orde	٠ <u>٠</u> ٠					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
	Part I	- No			·····		Work Order Update Large Fab Composite					4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Ŗ	Root					Descri	ption of work order update	1	nitial	Act	tion	Sign &		
C	ause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector
Equip Oper Mate Setul Othe Proce Supp Train	erial p er ess blier								<b>3</b> r					
							F	AUL	T CATE	GORY				·
	Landi		Bending Centre No Cracks Crushed/G Cuffs Heat Trea Inspection Ripples in Torque W	Crimped at n Strip in a Bend Vaves in E	Tube Extrusio		General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misreae Offset Out of	ion Incomplete cions Incomplete/U enance eled d	Unclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		1	Turning S	equence			Finish	1	Out of	Sequence		-		

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

H /FORMS/Quality Assurance\approved QA/NCRWO Rev G

**Picklist Print** 

April-22-13 1:02:57 PM

Work Order ID:

100375

Parent Item:

646.3316

Parent Item Name:

Blade

**Start Date:** 4/22/13

Required Date: 4/22/13

Page 1

**Start Qty:** 10.00

Required Qty: 10.00

Comments:

IPP REV:A NEW ISSUE 12/11/07 JFS VERIFY BY: JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MSTEEL-A2- B0.500X1.250 AISI A2 TOOL STEEL BA	AR, 0.500 X 1.250	Purchased	No			100	f	114.3500	0.5	5.2631579	) SL/3	-4-28	3
				<b>Location</b>		Loc Qty	Lo	c Code	,				

NCR:	Yes / No	)			WORK ORDER NON-O	COI	NFORI	MANCE / UP[	DATE	QA Closed:	Date:	· · ·
Work Ord	ler:	<i>.</i>			DISPOSITION					EPARTMENT,		
Part NCR					Rework Skid-tube Crosstube Machining Small Fab Use-as-is Useription of work order update Initial Action				Finishing	<b>⊣</b>	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root Cause	Date	Step	Qty	1	ption of work order update or Non-conformance		nitial ief Eng		ion iption	Sign & Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved											·	
						AUL	T CATE	GORY				
Land	Cracks Crushe Cuffs Heat T Inspec	Not Conce d/Crimped reat tion Strip in	l 1 Tube		General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	ion Incomplete ions Incomplete/U enance eled	Jnclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	tolerance ct ssing	Pressure/Forced Temperature/Cure Weid Wrong Stock Pulled Other
	Torqu	e Waves in	Extrusio	on [_	Drawing		JOut of (	Calibration				

Out of Sequence

Outside Dimensions

Date:

Turning Sequence

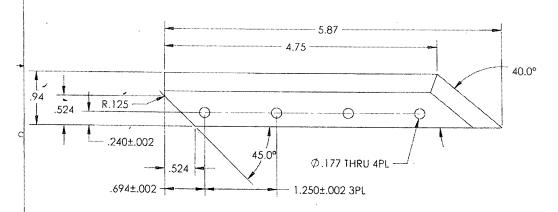
Wave/Twist in Tube

Finish

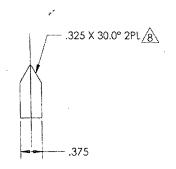
Folio

H /FORMS/Quality Assurance\approved QA/NCRWO Rev G

100375 MLJ 13-04-23



646.3316



APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 [760]724-5350 UPPER CUTTER ASSY SEE CASE COSE DAG NO 646.3300
SCALE NONE SHE 300 PF/ N/C SHEET 6 OF 8

DART AEROSPACE LTD	Work Order: 10	0375
Description: blade	Part Number: 64	6.3316
Inspection Dwg: 646.3300 Rev: N/C		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
, 94	010 T	940	//		vern	12-10
-524	005	-525			~	
R-125	005	-125				
240	- 005	240			~	
H.75	010	H-745				
5,84	+010	5.840				
400	5°	400				
Ø.177	+-006 001	178				
1250	+ 00Q	11.250				
45°	5	450				
-524	+ -005	-524				
-694	+.002	-694		<u> </u>		
375	002	-375				
-325 x 30°	+.005/+.50	328 x 30°				
		ļ				
					<u></u>	

Measured by:	Audited by:	<b>於</b>	Preliminary Approval:	
Date: 13-5-3	Date:	13/05/08	Date:	

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

\$ 10.04.15



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

### **PURCHASE ORDER**

### Purchase Order ID PO19817

Purchase Order Date 5/08/13 PO Print Date 5/08/13

Page Number 1 of 1

Order From:

VC-MET004

METCOR INC.

560 BOUL. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R 5A8

CA

Contact Name

Vendor Phone

450 473 1884

Vendor Fax

450 491 5498

Vendor Account Nbr

100375

Buyer

Terms

Chantal Lavoie

Requisition Nbr Tax Resale Nbr

10127-2607

Net 30 CAD

Currency **FOB** 

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Uni	Req Qty/ t of Measure	Ship Method	Unit Price	Extended Price
1 99	685	D4720-1 SPACER	5/17/13 Yes	335.00	FedEx PI collect	\$1.0000	\$335.00

Special Inst:

646.3316 BLADE

**HEAT TREAT TO -T4 CONDITION** MIN.UTS = 30KSI (60HREW MIN.)

DETAIL C OF C REQUIRED

5/17/13 Yes

10.00 FedEx PI collect

\$10.0000

\$100.00

Special Inst:

FINISH: HEAT TREAT TO 58-62 RC

ROCKWELL HARDNESS

PART ARE MADE FROM AISI A2 TOOL

STEEL

PLEASE NOTE: DETAIL C OC REQUIRED

PO Total:

\$435.00

CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required AYES NO

Change Nbr:

Change Date: 5/08/13

# METCOR INC.

560 BOUL. ARTHUR-SAUVÉ ST-EUSTACHE, QC J7R 5A8 Tel: 450-473-1884 / Fax: 450-491-5498

# Reçu de livraison

Delivery Receipt

BON DE TRAVAIL	EXPÉDITEUR	BON D'EXPÉDITION
Order	Shipper ID	Shipper
186252	1	71610

**EXPÉDITION COMPLÈTE /** Shipped Complete

CLIENT / Customer

215

DART AEROSPACE 1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

Ph: 613-632-5200 Fax: 613-632-1053 LIVRÉ À /Shipped To

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

Ph: 613-632-5200 Fax: 613-632-1053

COMMANDE DU CLIEI Customer PO	T BON DE LIVRAISO Customer Ship		YPE DE MATÉRIEL I Material Type	OATE DE LA COMMAND Order Date	DETRANSPORTEUR Carrier
PO19817			A2	2013/5/9	FEDEX
QUANTITÉ No. Pl Quantity Part			DESCRIPTION DE Part Descriptio		<b>POIDS</b> Weight
MATÉ 58-62	ADE RENCE 100375 RIEL: A2	DE CARTO	N <sup>order</sup> Control of the control	المراجعة المعامل المراجع التساعل والمستعلق والمعاملة	٠
YPE DE CONTENEUR container Type		ONTENEURS entainers	COMMENTAIR Container Comi	ES CONTENEUR ments	:
BOITE DE CARTON	· ,	1			
ERTIFICAT  EMPAQUETAGE Packing				E / Quantity Shipped : DIÉ / Weight Shipped :	10 4,00
Facking		QI	JANTITÉ RESTANTE	/ Quantity Remaining :	(
		:	POIDS RESTAN	T / Weight Remaining :	0,00
CERTIFICAT			QUANTITÉ EXPÉDI	ÉE /Quantity Shipped:	10
			i		

Signature:

Date:

EXPÉDIÉ LE / Shipped On: 2013/05/16



560, boul. Arthur-Sauvé, St-Eustache (Québec) J7R 5A8 Tél. 450 473-1884 Télécopieur/Fax administration 450 491-5498 Télécopieur/Fax production 450 491-6454

Certificat de Conformité

Certificate of Compliance

BON DE TRAVAIL CHARGEMENT load 186252 1

CLIENT / customer 215
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY

ON K6A 1K7

UVRÉ À / shipped to: DART AEROSPACE 1270 ABERDEEN

HAWKESBURY

ON KBA1K7

COMMANDE DU CLIENT customer po	BONDE LIVRAISON DU CLIENT	MATÉRIEL	CODE DE TRAITEMENT	NUMÉRO DE LOT
	customer shipper no.	material	mat'l heat code	lot number
PO19817	**************************************	A2		

## SPÉCIFICATIONS DU PROCÉDÉ

processing specifications

VAC HARDEN

HARDEN AND TEMPER

EXIGENCE / requirement | SPÉCIFICATIONS / specifiedTESTS EXÉCUTÉS / performed | RÉSULTATS DE TESTS / results |
HARDNESS | 58 - 62 | HRC | 5 | 60.0 - 61.0 | HRC

QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description	
10	4	646.3316 (10) BLADE REFERENCE 100375 MATÉRIEL: A2 58-62 RC	
		CONTENANT: 1 BOÎTE DE CARTON	Mm

COMMENTAIRES / comments

CERTIFIÉ par / Certified by: 🕽

METCOR

DATE: 2013-05-16

# METCOR INC. 560 BOUL. ARTHUR-SAUVÉ ST-EUSTACHE, QC, J7R 5A8

Tel: 450-473-1884 / Fax: 450-491-5498

## Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
186252	1

CLIENT / customer 215
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to: DART AEROSPACE 1270 ABERDEEN HAWKESBURY

ON K6A 1K7

	NDE DU CLI istomer po	<b>V</b> . I	DE LIVRAISON customer shipp		MATÉ mate			RAITEMENT		O DE LOT umber
	PO19817	7		The second second	A2		indicate invariation			
			S	PÉCIFIC	ATIONS DU	J PROCÉ	DÉ			
VAC HAR	DEN			proce	essing specif	ications				
HARDEN	AND TEMPI	ER .								
EXIGENCE	: / requireme	ent SPÉC	FICATIONS	S / specifie	d TESTS EX	ÉCUTÉS /	performed	RÉSULTA	TS DE TES	STS / results
HARDNE	SS	58 - 62	HRC.			5	portorriou	60.0 - 61.0	HRC	or or results
QUANTIT quantity		DIDS [	DESCRIPTIO parts descripti	ON DES P	PIÈCES					
	10	4 6 (F	46.3316 10) BLADE REFERENCI AATÉRIEL: 8-62 RC	É 100375 A2	E DE CART	ON	,			
Operation	Temp. spécifiée Specified Temp	Temps de trempe Spécifié Specified Soak Temp	Atmosphere	Carbone Carbon Potential	Q-Media Q-Temp	Four # Furnace #	Date Départ Start Date	Heure d'entrée Time In	Heure de sortie Time Out	Date Complétée Date complete
1.00 CONT. INIT.	LAVAGE		si nécessaire	- w-w						
2.00 PREPARING	COMPTAGE							4		
3.00 PREHEAT 1	1200	0:30	VAC			390				
4.00 PREHEAT 2	1500	0:30	VAC			390				
5.00 VAC HARDE	1800	1 hrs 30 minutes	VAC		AZOTE	390				
6.00 TEMPER	400+/-10°F	2 hrs	air			653				
7.00 TEMPER 2	400+/-10°F	2 hrs	air	-		653				

## METCOR INC. 560 BOUL. ARTHUR-SAUVÉ ST-EUSTACHE, QC, J7R 5A8

Tel: 450-473-1884 / Fax: 450-491-5498

### Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
186252	1

CLIENT / customer 215
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to: DART AEROSPACE 1270 ABERDEEN HAWKESBURY

ON K6A 1K7

Operation	Temp. spécifiée Specified Temp	Temps de trempe Spécifié Specified Soak Temp	Atmosphere	Carbon Potential	Q-Media Q-Temp	Four # Furnace #		Heure d'entrée Time In	Heure de sortie Time Out	Date Complétée Date complete
8.00 HARDN INS	1			and the second s				<u> </u>		
9.00 FINAL INSP							05-16-2013			05-16-2013

### **COMMENTAIRES / comments**

Le traitement thermique a été fait en utilisant des équipements en conformité avec la spécification demandée.

Toutes les opérations de traitement thermique ont été faites en conformité avec les requis de la spécification demandée et toutes les vérifications et les tests demandées ont été faites et documentés.

Aucun changement ou dérogation n'a été faite par rapport au traitement thermique demandé.

On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiés.

All the heat treatment processing performed on this order was accomplished using heat treatment equipment compliant with the requested heat treatment specification.

All the heat treatment operations were accomplished in accordance with the requested/required heat treatment specification and all required verifications test have been performed and documented.

No unauthorized changes or deviations to required heat treatment specifications or procedures have been performed. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

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APPROUVÉ par / Approved by:	120h2 (1-Hen 1801)	DATE: 2013-05-16
	<u> </u>	D/(1L. 2015-05-10

/ Nous certifions que toute l'information comprise sur ce rapport est exacte et conforme aux requis du client./We certify that all the information on this report is exact and in accordance with the order requirements.